

EO Book

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-42  
Relating to Approval of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-1;

IT IS ORDERED AND RESOLVED: That General Motors Corporation 1975 model-year gasoline-powered engines in heavy-duty motor vehicles are approved for the engine family described below:

<u>Family</u>	<u>Engine Size CID</u>	<u>Engine Model</u>	<u>Exhaust Emission Control System</u>
GM 312	455	455	Engine Modifications

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The following are the recommended values to be listed on the decal:

<u>Engine Family</u>	<u>Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour</u>	<u>Carbon Monoxide grams/brake horsepower-hour</u>
GM 312	8	27

A supplemental information sheet is attached to this order which includes tune-up specifications and emission control system data.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 11 day of December, 1974.

*G. C. Hass*  
G. C. Hass, Chief  
Division of Vehicle  
Emissions Control

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR - HEAVY DUTY GASOLINE ENGINES

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MANUFACTURER: General Motors Corporation

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Engine			Distributor		Fuel System		Emission Control System		Tune-Up Specifications			
Family	Model	CID	Code	Type	Mfr. and Part No.	Type	Mfr. and Part No.	Type	EGR Part No. and Service *	Idle RPM	Basic Timing	Idle Mixture
IM 312	455	455	3	C&V	Delco 1112945	4 bbl	Rochester 7045554	EM	-	600 rpm in drive	8° BTDC @ 1100 rpm	Idle CO method (lean drop method if CO meter is not available)  If over 0.5% CO reset to 0.2% CO.

Abbreviations:

Distributor  
C - Centrifugal Advance  
V - Vacuum Advance  
VR - Vacuum Retard

Exhaust Emission Control System  
AI - Air Injection  
EFI - Electronic Fuel Injection  
EGR - Exhaust Gas Recirculation  
EM - Engine Modifications

FI - Fuel Injection  
OC - Oxidation Catalyst  
RC - Reduction Catalyst  
TR - Thermal Reactor

\* Service

I - Inspection, replace as needed.  
R - Replace